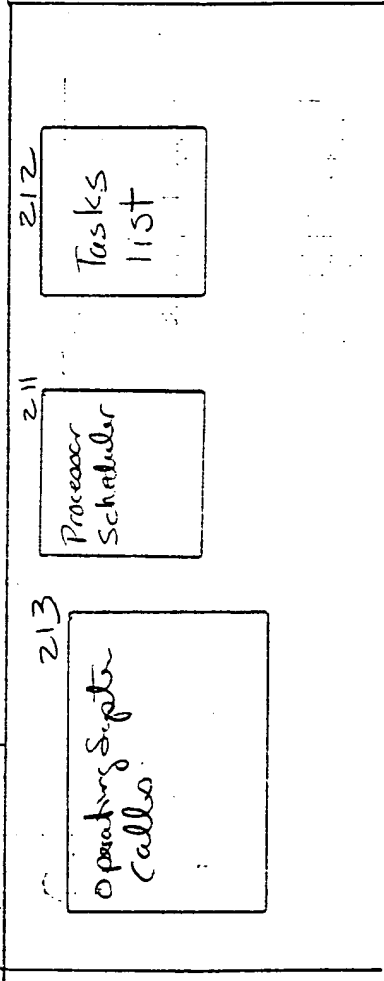


Figure 1

Operating System 210



220

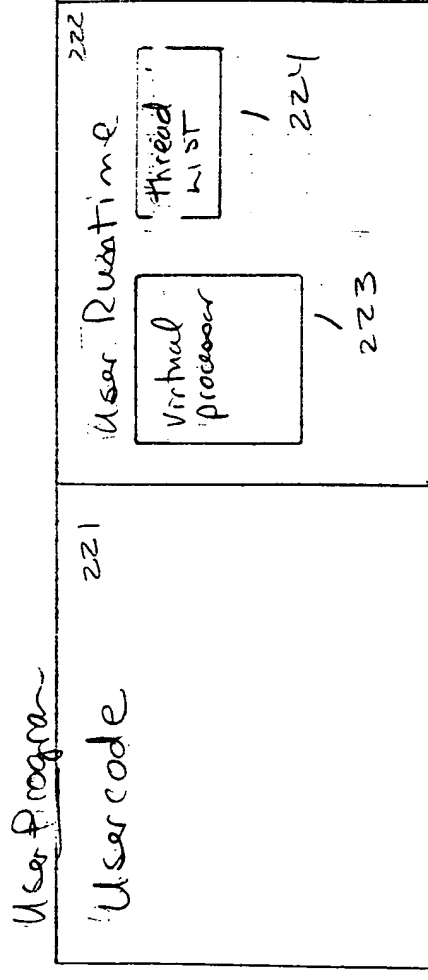


Figure 2

09192205-111398
SECRET

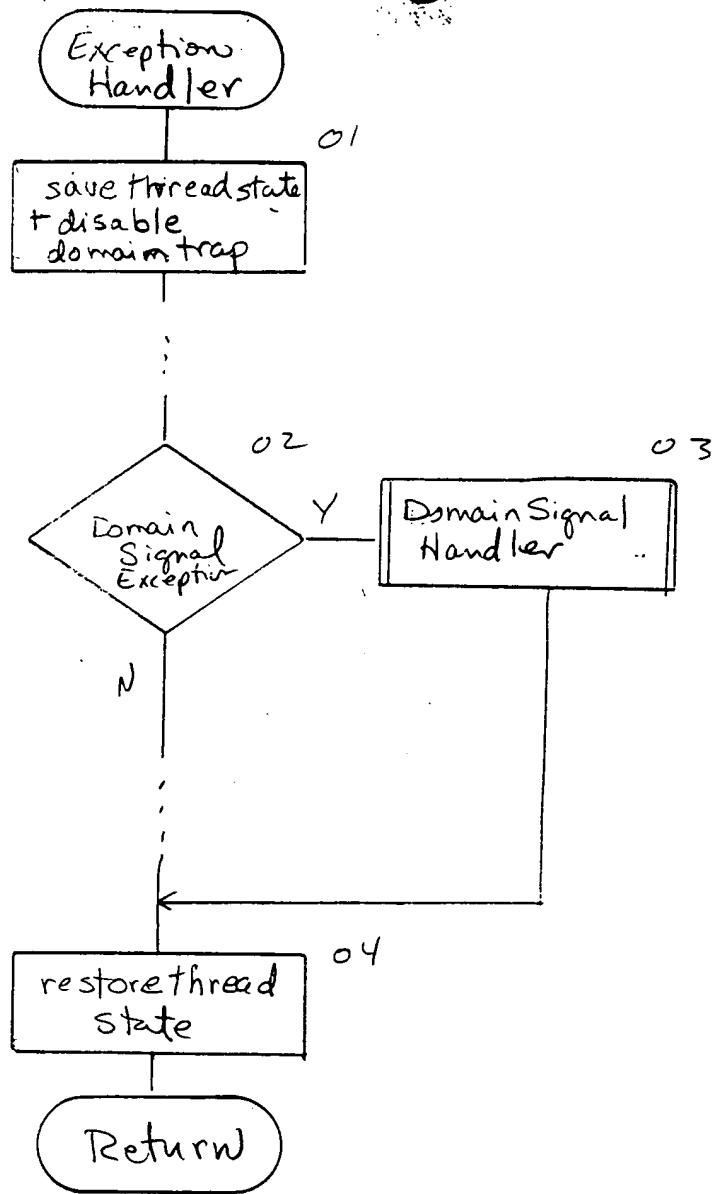


Fig 3

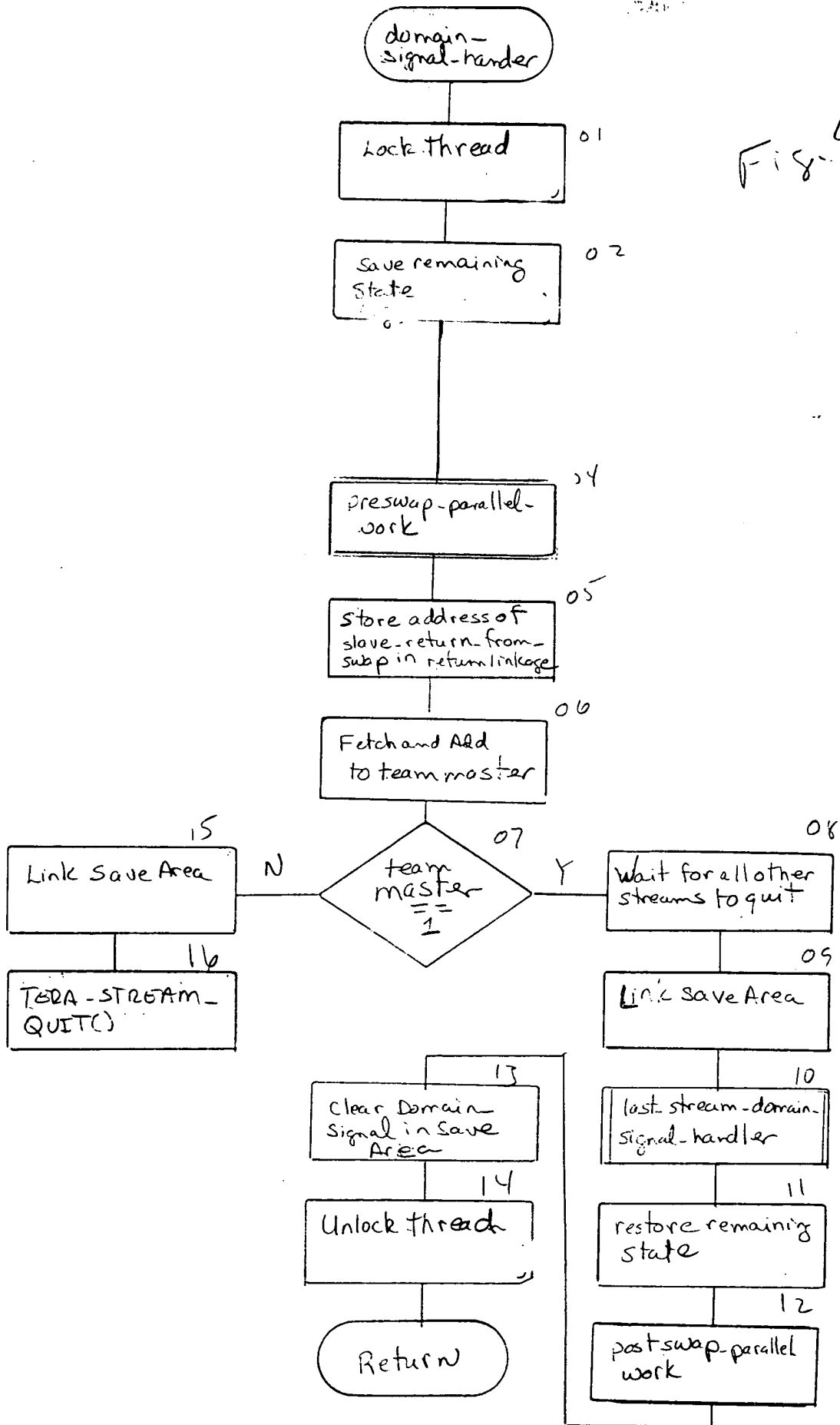
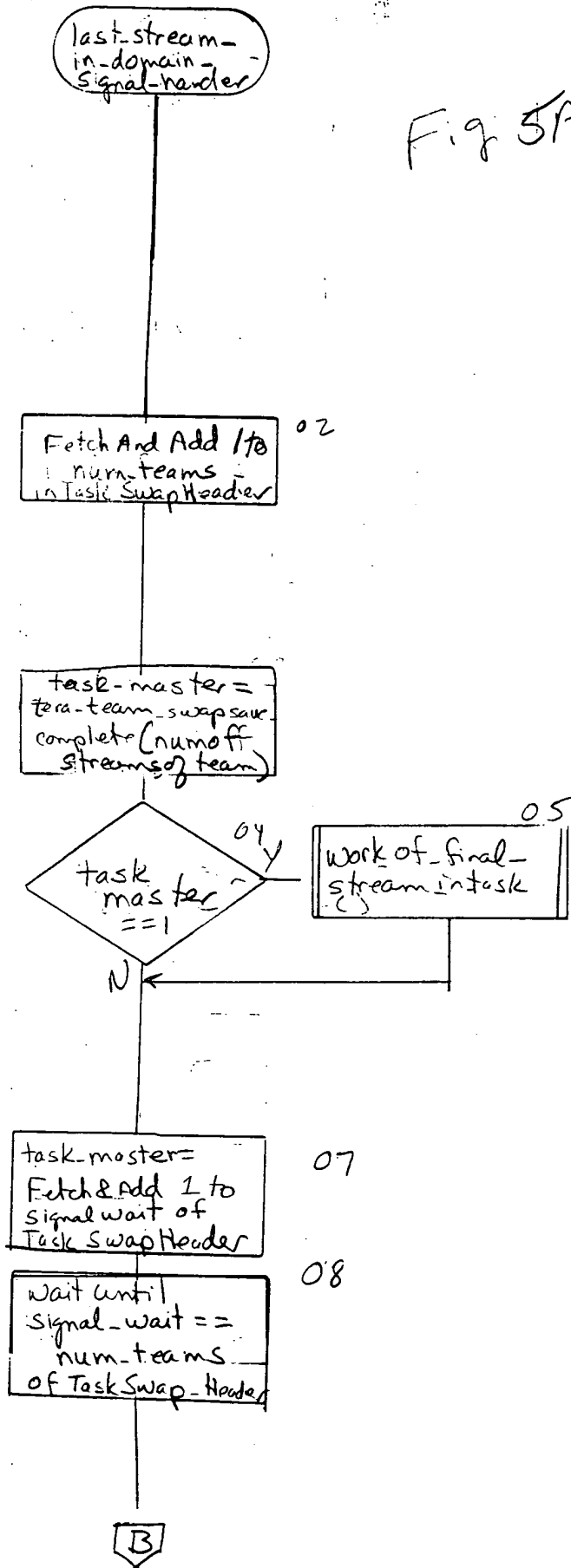


Fig 5A



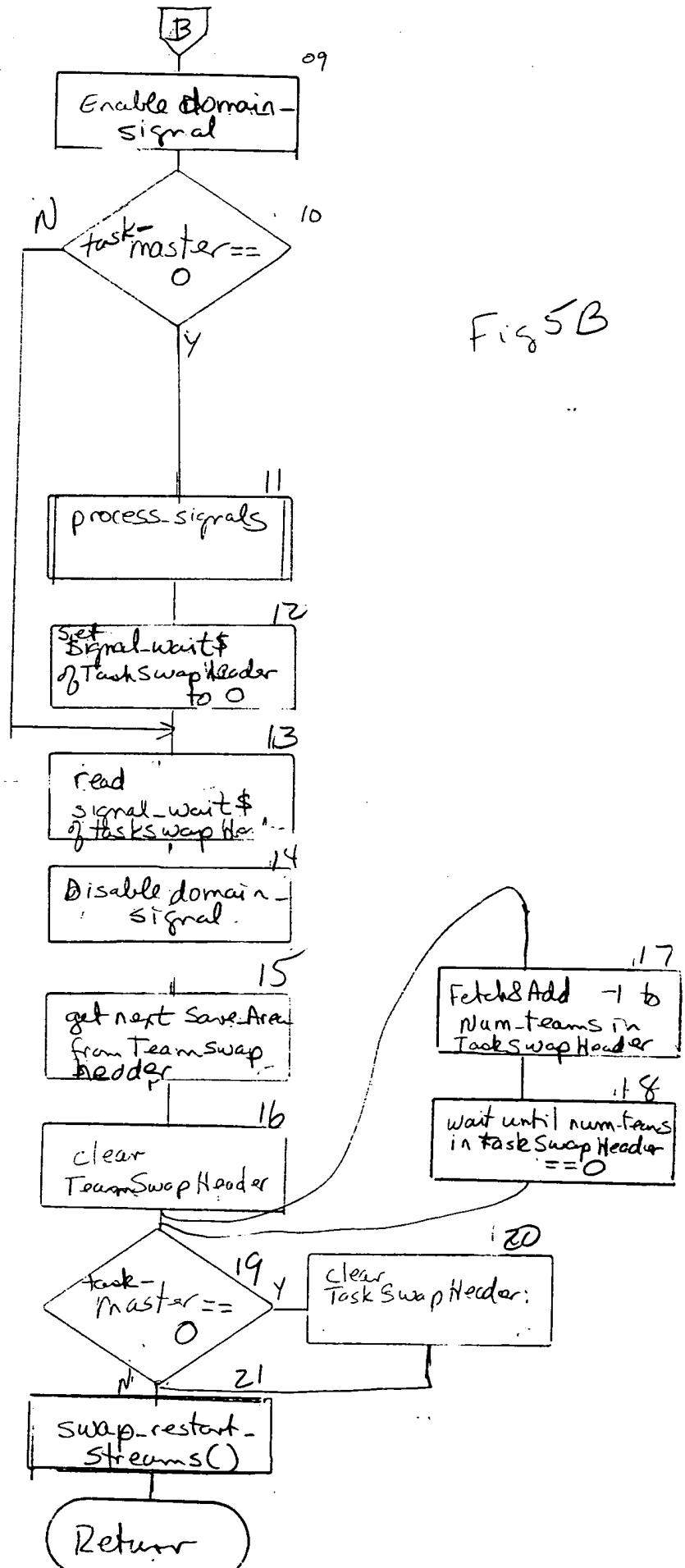


Fig 5B

workOf-finel-
Stream-in--
task

01

ts-blocked=
determine-blocked
status()

02

tera-task-
saveswap-complete
(ts-blocked)

Return

Fig 6

09192205-111398

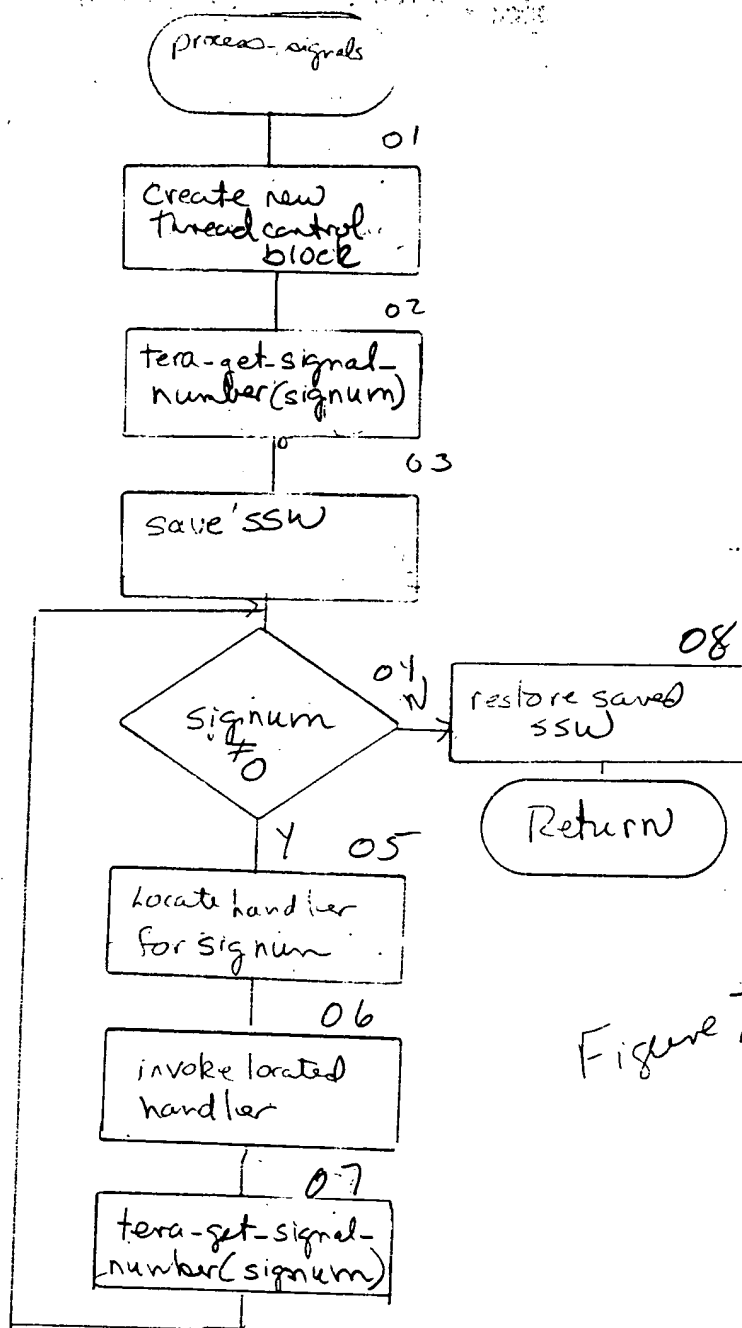


Figure 7

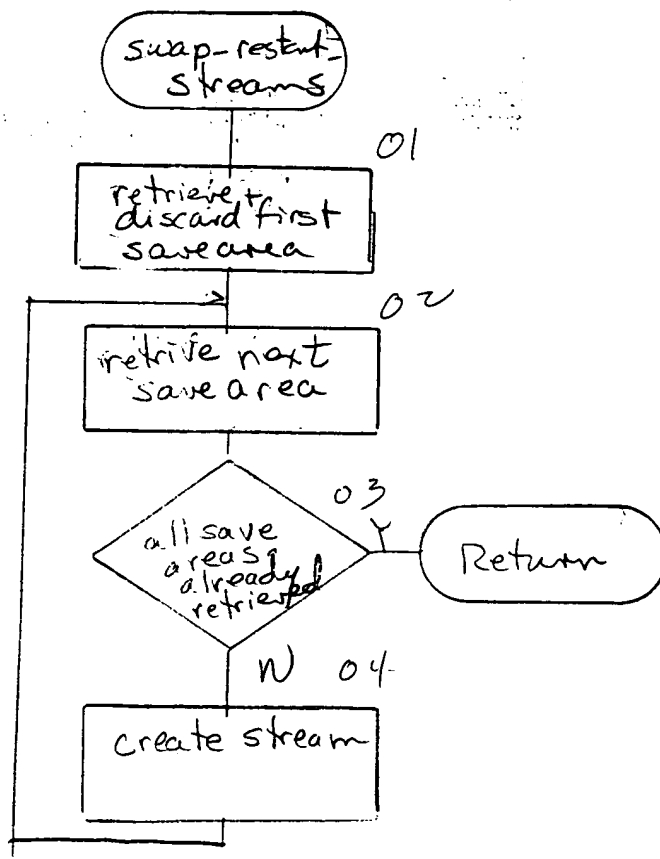


Fig 8

slave-return
from-swap

01

restore
remaining state

02

postswap-parallel
work

Unlock
thread

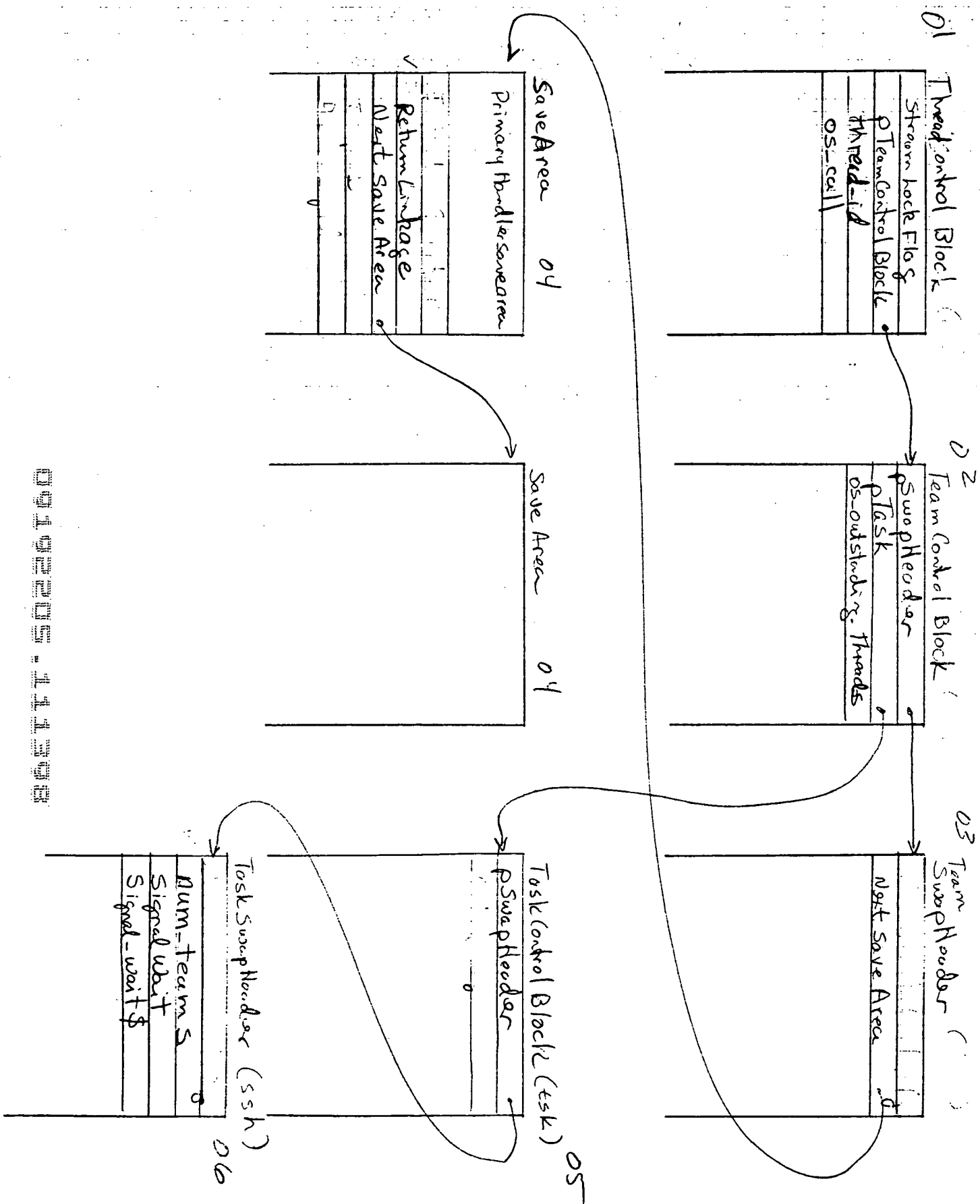
03

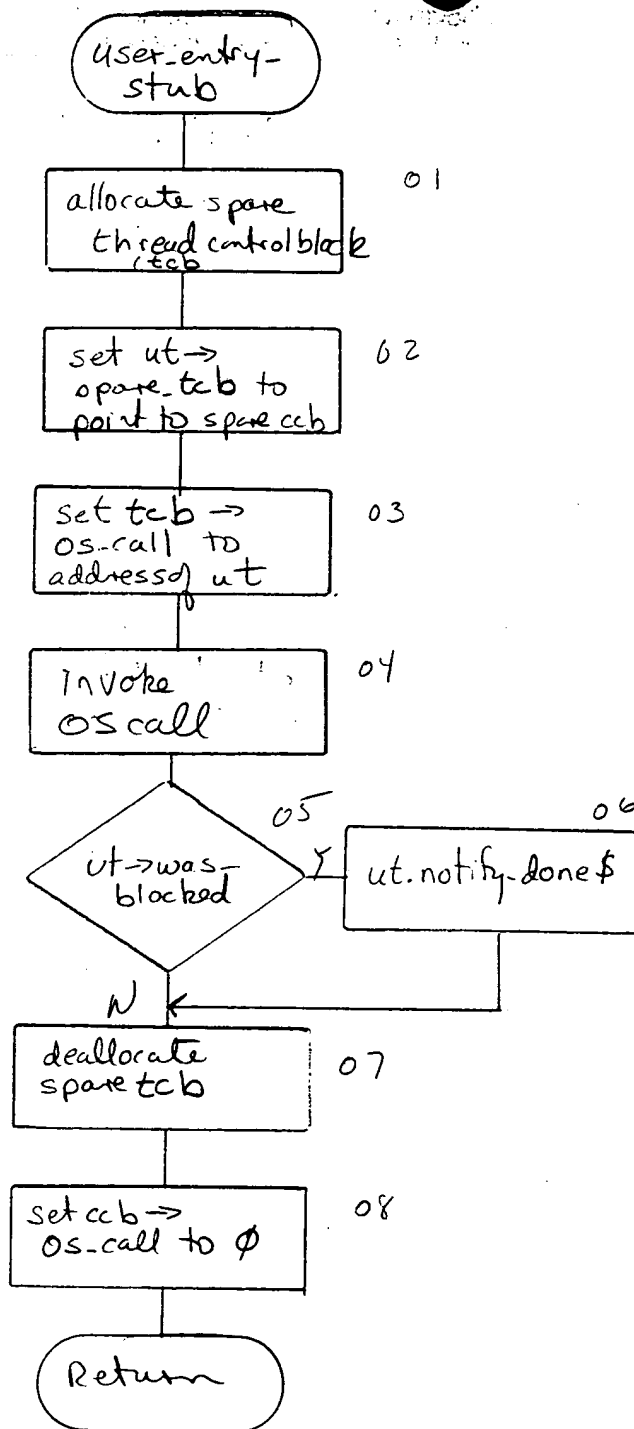
Return

Fig 9

00192205-111368

Figure 10





Fig

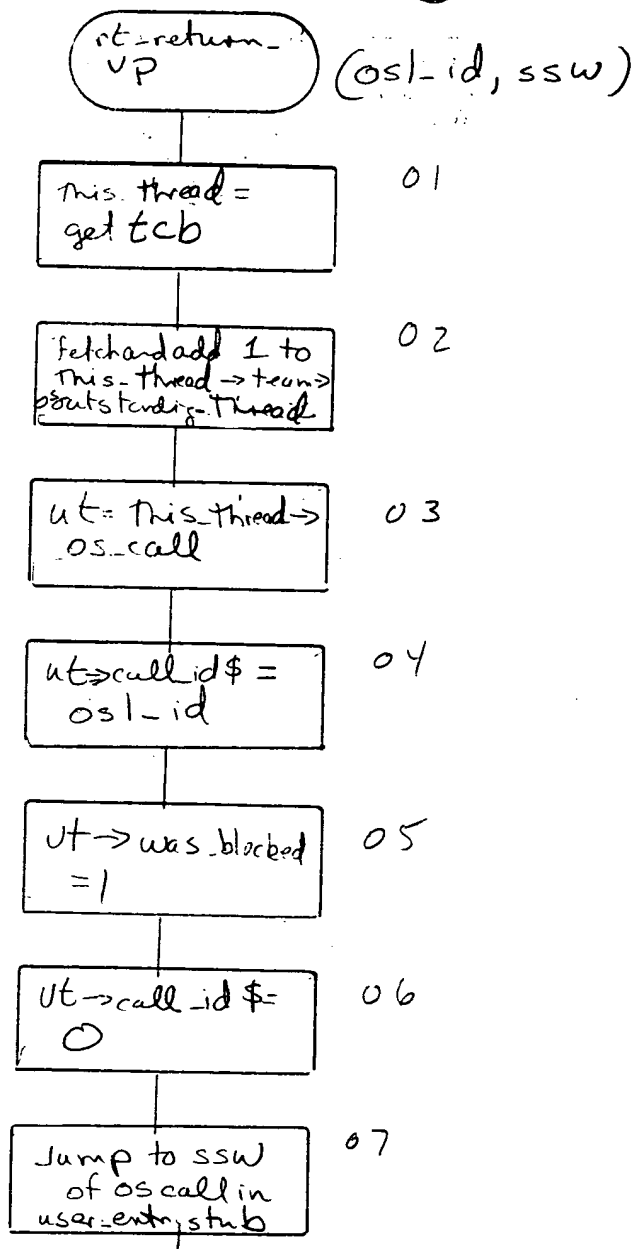


Fig 12

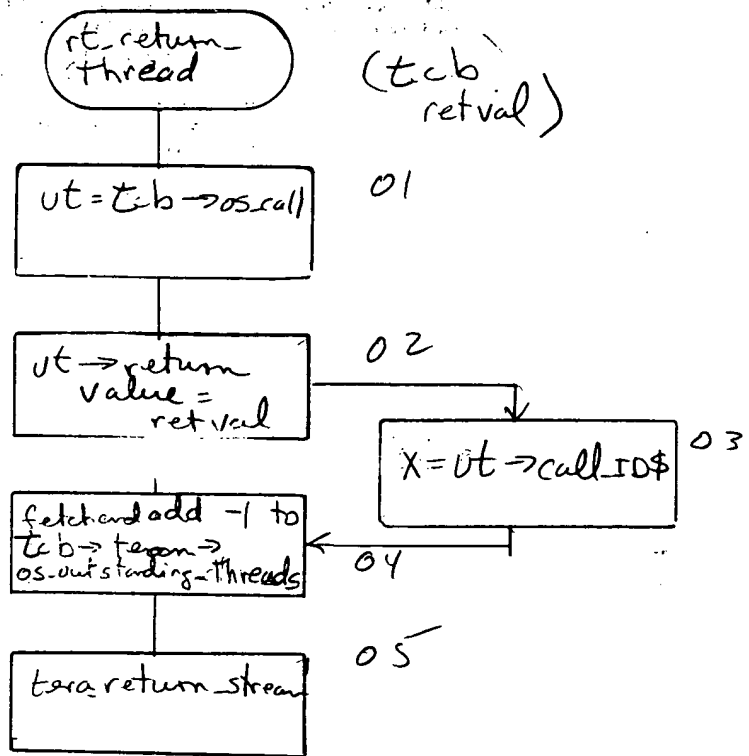


Fig 13

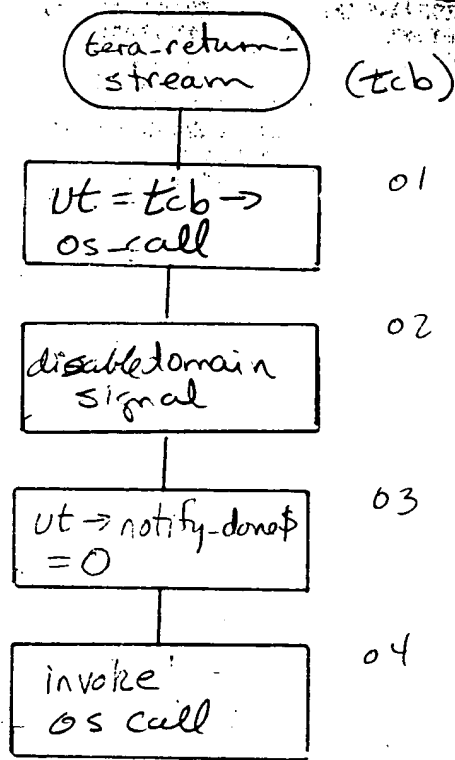


Fig 14

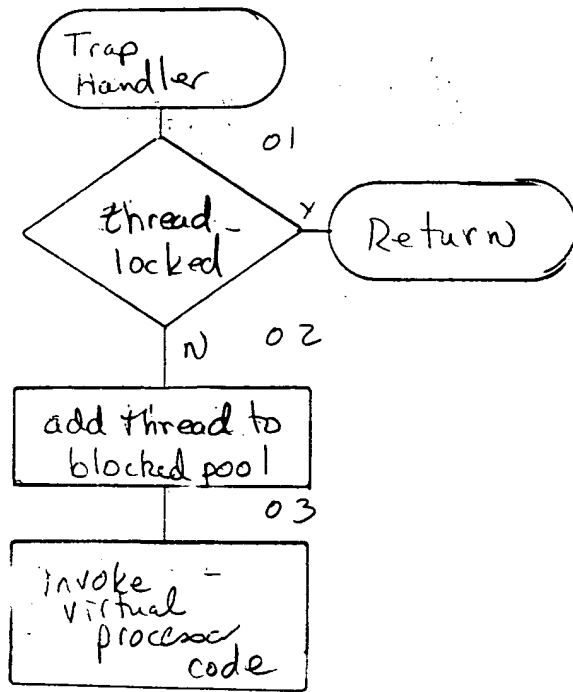


Fig 15

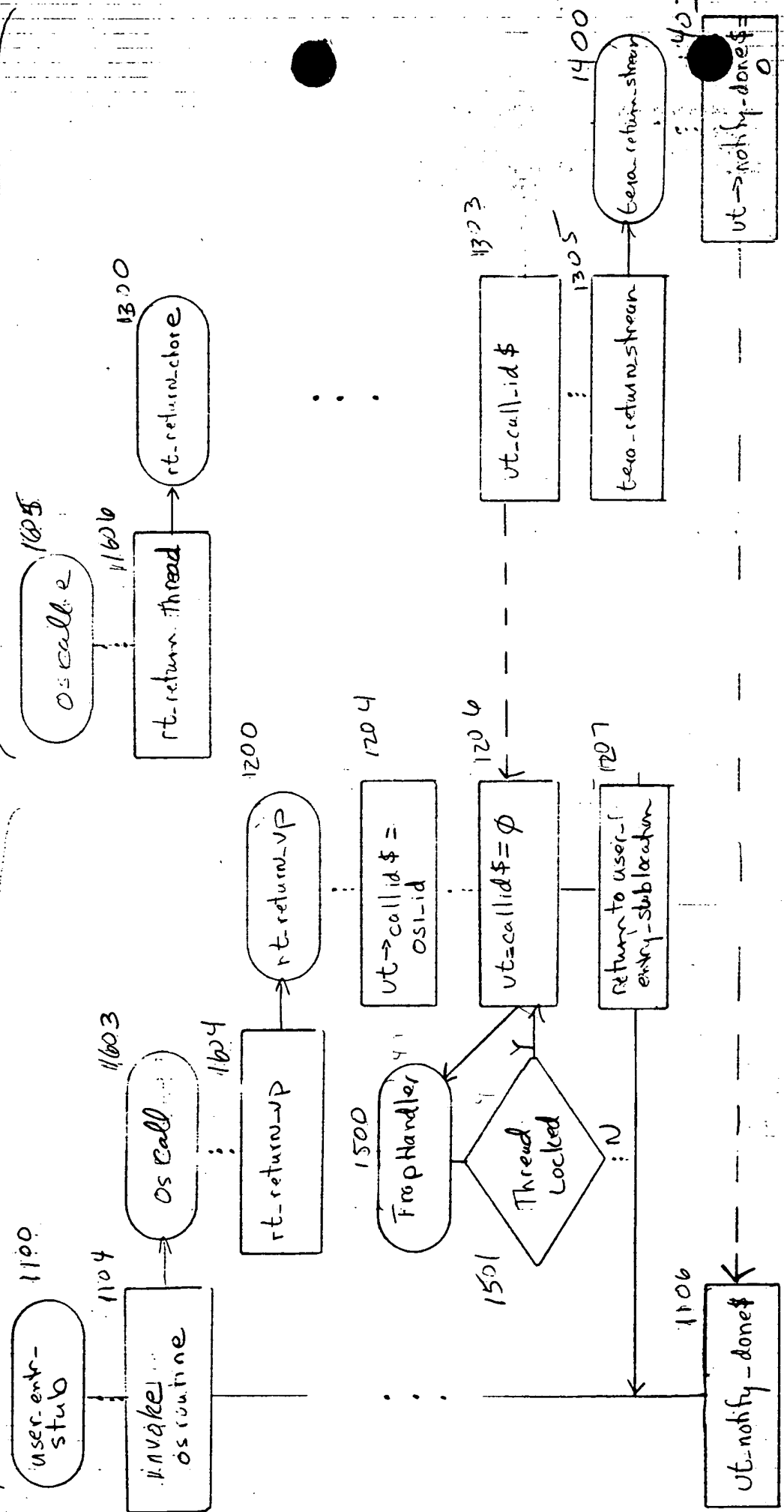


Fig 16A

wt

was blocked
call-id \$
not by - done \$
spark tab
return value

Figure 16B

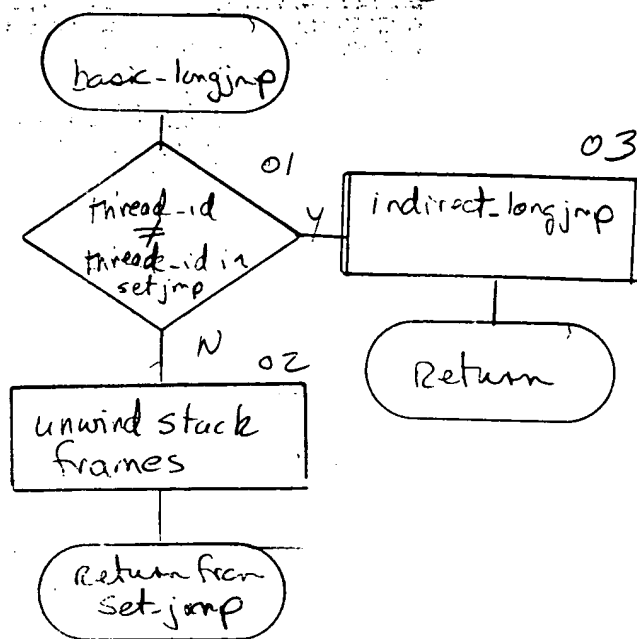


Fig 17

00192205-111393

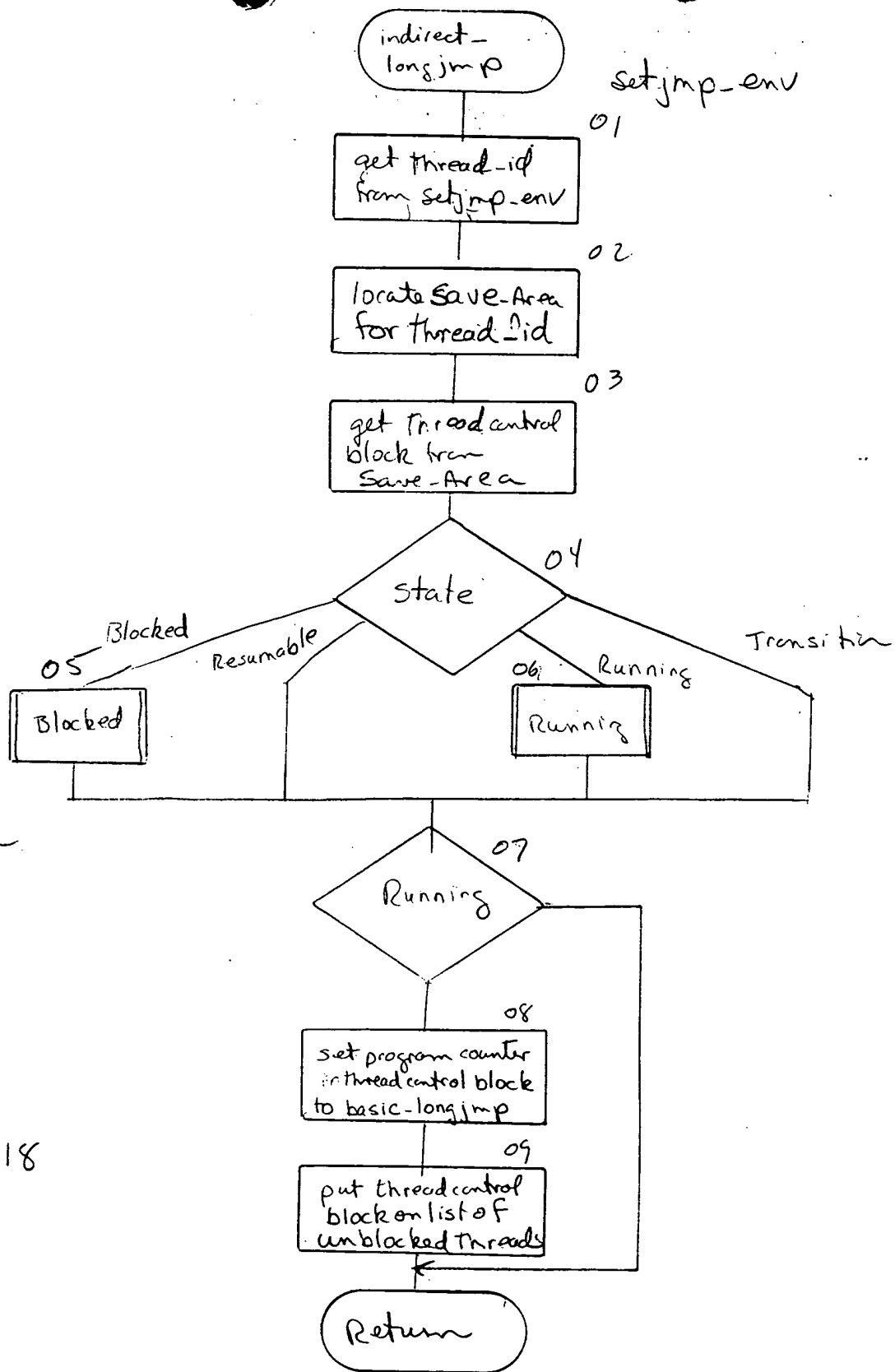


Fig 18

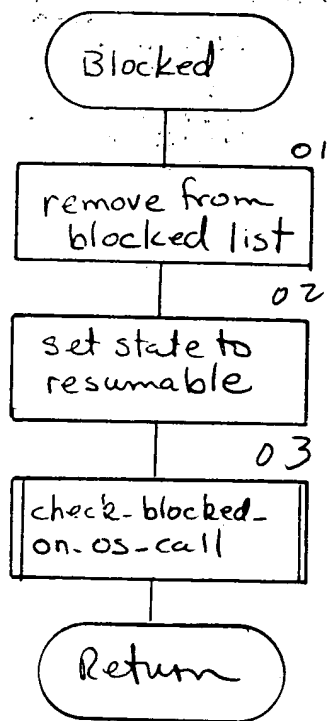


Fig 19

09192205-111398

Fig 20

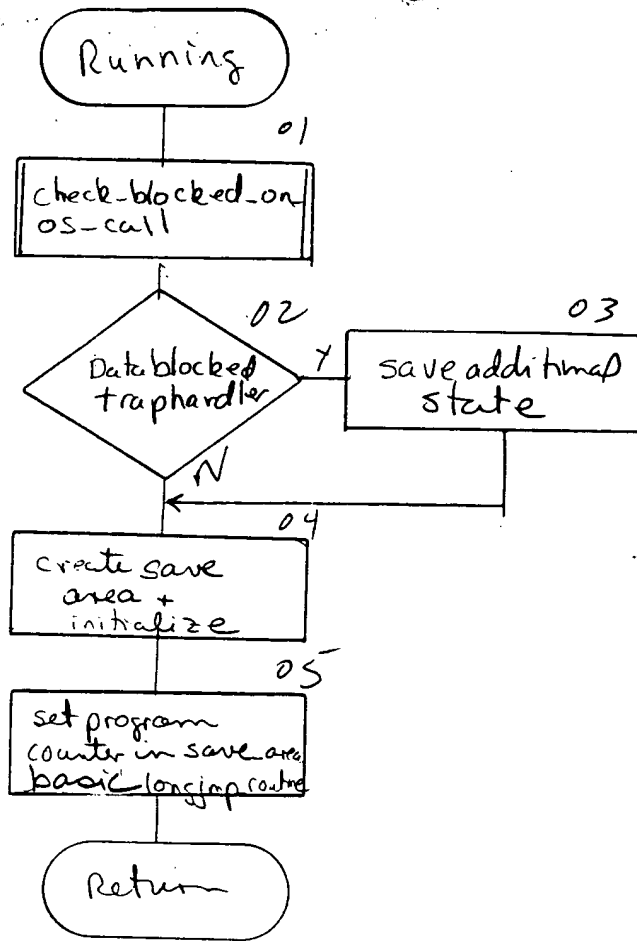
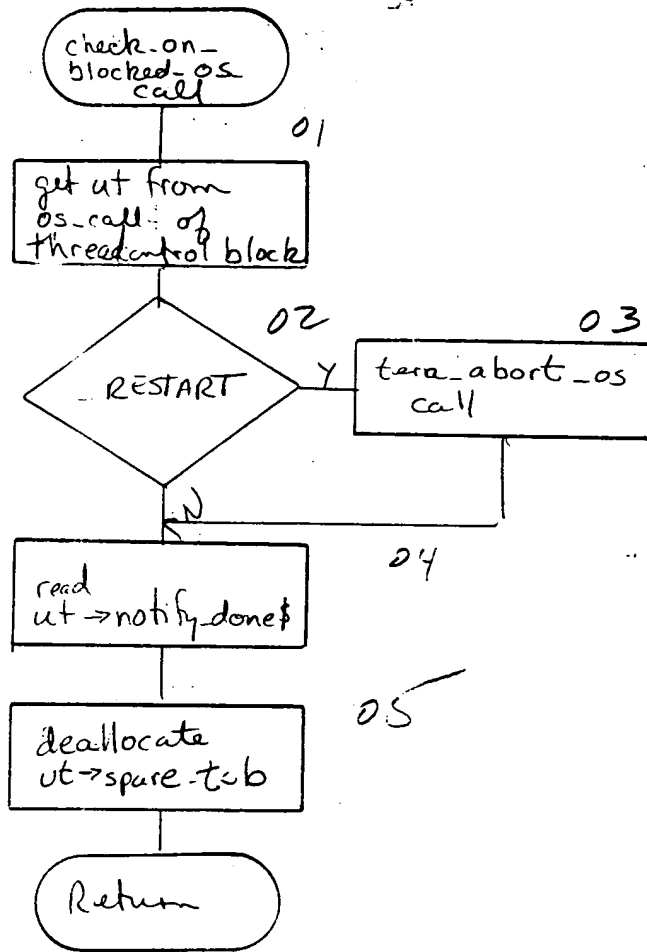


Fig 21-



00402205-111308